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Substitute for form 1449/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 1 of 2

Complete if Known

Application Number	10/074,102
Filing Date	February 12, 2002
First Named Inventor	Hector F. DeLcua
Art Unit	1626
Examiner Name	R. Gerstl
Attorney Docket Number	960296.97206

Examiner Initials*	Cite No. ¹	U. S. PATENT DOCUMENTS			
		Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
CS		Number-Kind Code ² (if known)			
		US- 3,285,931	11/15/66	Huisgen	
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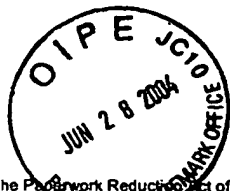
Examiner Initials*	Cite No. ¹	FOREIGN PATENT DOCUMENTS			
		Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear
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		WO 94/02483	02/03/94	PCT	

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Sheet

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Application Number	10/074,102
Filing Date	February 12, 2002
First Named Inventor	Hector F. DeLcua
Art Unit	1626
Examiner Name	R. Gerstl G. Shannan
Attorney Docket Number	960296.97206

OTHER PRIOR ART-NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
AS		L. Chunchatprasert, et al., "A New Synthetic Route to Pyrrolo[3,2-b]carbazoles, 1H-Benzofuro[3,2-f]indoles and 1H-[1]Benzo[thieno[2,3-f]indoles, J. Chem. Soc. Perkin Trans on 1770-1783 1992	
		L. Chunchatprasert and P.V.R. Shannon, "Further Observations on and Novel Products from Acid-catalyzed Indole-Pyrrole Condensations: Fomation of Pyrrolo[2,3-b]carbazoles" J. Chem Soc Perkin Trans on 1765-1772 1994	
		P. Dharmasena, et al., "Antitumour Heterocycles. Part 12. The Synthesis of New Hydroxypyrrolocarbrazoles and Hydroxypyridocarbrazoles," J. Chem. Research pp. 12-13 1996	
		O. Hankinson, "The Aryl Hydrocarbon Receptor Complex," Annu. Rev. Pharmacol. Toxicol. 35:307-340, 1995.	
		P.H. jellinck, et al., "Ah Receptor Binding Properties of Indole Carbinols and Induction of Hepatic Estradiol Hydroxylation," Biochemical Pharmacology 45(5):1129-1136, 1993.	
✓		A.J. Philips, et al., "Synthesis of Functionalized Oxazolines and Oxazoles with DAST and Deoxo-Fluor," Organic Letters 2(8):1165-1168, 2000.	
AS		L. Poellinger, Regulation fo Intracellular Dioxin (Aryl Hydrocarbon) Receptor Function by Dietary Indole Derivatives," Hormonally Active Agents in Food Symposium, pp. 121-127, 1998	

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1/30/05

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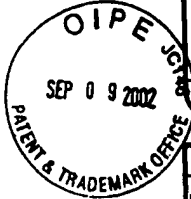
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Substitution for form 1449APTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)			Complete if Known Application Number 10/074,102 Filing Date February 2, 2002 First Named Inventor Hector F. DeLuca Group Art Unit 1645-1842 Examiner Name Dr. S. Himmelfarb Attorney Docket Number 960296.97206	
Sheet	1	of	2	

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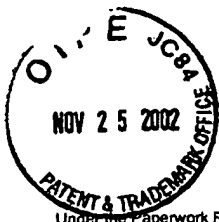
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¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant to place a check mark here if English language Translation is attached.

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Substitute for form 1449B/PTO		Complete if Known	
		Application Number	10/074,102
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		Filing Date	February 12, 2002
		First Named Inventor	Hector F. DeLuca
(use as many sheets as necessary)		Group Art Unit	1045-1526
		Examiner Name	B. Shannan
Sheet	2	of	3
		Attorney Docket Number	960296.97206

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OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
ES		Adachi, J. et al. "Indirubin and indigo are potent aryl hydrocarbon receptor ligand present in human urine". J. Biol. Chem. 276(34):31475-31478 (2001).	
		Chen, I., Safe, S., and Bjeldanes, L. "Indole-3-carbinol and diindolylmethane as aryl hydrocarbon (Ah) receptor agonists and antagonists in T47D human breast cancer cells". Biochem. Pharmacol. 51(8):1069-1076 (1996).	
		Chen, Y. H. et al. "Regulation of CYP1A1 by indolo[3,2-b]carbazole in murine hepatoma cells". J. Biol. Chem. 270(38):22548-22555 (1995).	
		Cheung, Y. L., Snelling, J., Mohammed, N. N. D., Gray, T. J. B., and Ioannides, C. "Interaction with the aromatic hydrocarbon receptor, cyp1a induction, and mutagenicity of a series of diaminitoluenes - implications for their carcinogenicity". Toxicol. Appl. Pharmacol. 139(1):203-211 (1996).	
		Garrison, P.M. et al. "Species-specific recombinant cell lines as bioassay systems for the detection of 2,3,7,8-tetrachlorodibenzo-p-dioxin-like chemicals," Fund. Appl. Toxicol. 30:194-203 (1996).	
		Heathpagliuso, S. et al. "Activation of the Ah receptor by tryptophan and tryptophan metabolites". Biochem. 37(33):11508-11515 (1998).	
		Lee, I. J. et al. "Transcriptional induction of the cytochrome p4501a1 gene by a thiazolium compound, yh439". Mol. Pharmacol. 49(6):980-988 (1996).	
		Liu, R. M. et al. "Regulation of [Ah] gene battery enzymes and glutathione levels by 5,10-dihydroindeno[1,2-b]indole in mouse hepatoma cell lines". Carcinogenesis. 15(10):2347-2352. (1994).	
		Poellinger, L. "Mechanistic aspects-the dioxin (aryl hydrocarbon) receptor". Food Add. Contam. 17(4):261-266 (2000).	
		Poland, A. and Glover, E. "Chlorinated dibenzo-p-dioxin: Potent inducers of L-aminolevulinic acid synthetase and aryl hydrocarbon hydroxylase. II. A study of the structure-activity relationship". Mol. Pharmacol. 9:736-747 (1973).	
ES		Rannung, A. et al. "Certain photooxidized derivatives of tryptophan bind with very high affinity to the Ah receptor and are likely to be endogenous signal substances," J. Biol. Chem. 262:15422-15427 (1987).	

Examiner Signature		Date Considered	1/30/05
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Substitute for form 1449B/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Application Number	10/074,102
		Filing Date	February 12, 2002
		First Named Inventor	Hector F. DeLuca
		Group Art Unit	1645 1526
		Examiner Name	G. Shanley
Sheet	3	of	3
		Attorney Docket Number	960296.97206

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials ¹	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
AS		Schaldach, C. M., Riby, J., and Bjeldanes, L. F.. "Lipoxin A(4): A new class of ligand for the Ah receptor". Biochem. 38(23):7594-7600 (1999).	
		Sinal, C. J. and Bend, J. R. "Aryl hydrocarbon receptor-dependent induction of cyp1a1 by bilirubin in mouse hepatoma hepa 1c1c7 cells". Mol. Pharmacol. 52(4):590-599 (1997).	
		Stephensen, P. U. et al. "N-methoxyindole-3-carbinol is a more efficient inducer of cytochrome P-450 1A1 in cultured cells than indol-3-carbinol". Nutr Cancer Internatl. J. 36(1):112-121 (2000).	
		Vasiliou, V., Shertzer, H. G., Liu, R. M., Sainsbury, M., and Nebert, D. W. "Response of [Ah] battery genes to compounds that protect against menadione toxicity". Biochem. Pharmacol. 50(11):1885-1891 (1995).	
		Washburn, B. S. et al. "Brevetoxin-6 (pbtx-6), a nonaromatic marine neurotoxin, is a ligand of the aryl hydrocarbon receptor". Arc. Biochem. Biophys. 343(2):149-156 (1997).	
AS		Whitlock, J.P., Jr., "Genetic and molecular aspects of 2,3,7,8-tetrachlorodibenzo-p-dioxin action," Ann. Rev. Pharmacol. Toxicol. 30:251-277 (1990).	

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